PORTAL
USPTO

Subscribe (Full Service)   Register (Limited Service, Free)   Login

Search: ⦿ The ACM Digital Library   ○ The Guide

SEARCH

THE ACM DIGITAL LIBRARY

ℱ Feedback

(challenge and "and" and response and "and" and credential and "and" and
authentication and "and" and session and "and" and time)
Published before December 2004   Fou
Terms used: challenge and response and credential
and authentication and session and time

| Sort results by | relevance ▾ | 📎 Save results to a Binder | Refine these results with Adv |
| Display results | expanded form ▾ | ☐ Open results in a new window | Try this search in The ACM C |

Results 1 - 20 of 51   Result page: 1 2 3 next >>

1 A methodology for analyzing the performance of authentication protocols
   Alan Harbitter, Daniel A. Menascé
   November 2002 ACM Transactions on Information and System Security (TISSEC),
              Volume 5 Issue 4
   Publisher: ACM
   Full text available: 📄 pdf(1.25 MB)   Additional Information: full citation, abstract, references, index terms

   Bibliometrics: Downloads (6 Weeks): 27, Downloads (12 Months): 229, Citation Count: 0

       Performance, in terms of user response time and the consumption of processing and
       communications resources, is an important factor to be considered when designing
       authentication protocols. The mix of public key and secret key encryption algorithms
       typically ...

       Keywords: Authentication, Kerberos, mobile computing, performance modeling, proxy
       servers, public key cryptography

2 Protecting applications with transient authentication
   Mark D. Corner, Brian D. Noble
   May 2003 MobiSys '03: Proceedings of the 1st international conference on Mobile systems,
              applications and services
   Publisher: ACM
   Full text available: 📄 pdf(294.40 KB)   Additional Information: full citation, abstract, references, cited by

   Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 84, Citation Count: 3

       How does a machine know who is using it? Current systems authenticate their users
       infrequently, and assume the user's identity does not change. Such *persistent
       authentication* is inappropriate for mobile and ubiquitous systems, where associations ...

3 Decentralized user authentication in a global file system
   Michael Kaminsky, George Savvides, David Mazieres, M. Frans Kaashoek
   October 2003 SOSP '03: Proceedings of the nineteenth ACM symposium on Operating
              systems principles

Publisher: ACM

Full text available: pdf(144.43 KB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 16, Downloads (12 Months): 136, Citation Count: 4

The challenge for user authentication in a global file system is allowing people to grant access to specific users and groups in remote administrative domains, without assuming any kind of pre-existing administrative relationship. The traditional approach ...

Keywords: ACL, SFS, authentication, authorization, credentials, file system, groups, users

4   On-line e-wallet system with decentralized credential keepers
Stig Frode Mjølsnes, Chunming Rong
February 2003 Mobile Networks and Applications, Volume 8 Issue 1
Publisher: Kluwer Academic Publishers

Full text available: pdf(240.23 KB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 23, Downloads (12 Months): 178, Citation Count: 1

We propose a generalization of the architecture of an electronic wallet, as first developed in the seminal European research project CAFE. With this model you can leave most of the content of your electronic wallet at the security of your residential ...

Keywords: digital credentials, e-wallet architecture, mobile commerce, payment protocols, privacy

5   Decentralized user authentication in a global file system
Michael Kaminsky, George Savvides, David Mazieres, M. Frans Kaashoek
December 2003 ACM SIGOPS Operating Systems Review, Volume 37 Issue 5
Publisher: ACM

Full text available: pdf(144.43 KB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 16, Downloads (12 Months): 136, Citation Count: 4

The challenge for user authentication in a global file system is allowing people to grant access to specific users and groups in remote administrative domains, without assuming any kind of pre-existing administrative relationship. The traditional approach ...

Keywords: ACL, SFS, authentication, authorization, credentials, file system, groups, users

6   Fast authentication methods for handovers between IEEE 802.11 wireless LANs
M. S. Bargh, R. J. Hulsebosch, E. H. Eertink, A. Prasad, H. Wang, P. Schoo
October 2004 WMASH '04: Proceedings of the 2nd ACM international workshop on Wireless mobile applications and services on WLAN hotspots
Publisher: ACM

Full text available: pdf(257.82 KB)   Additional Information: full citation, abstract, references, cited by, index terms, review

Bibliometrics: Downloads (6 Weeks): 31, Downloads (12 Months): 374, Citation Count: 1

Improving authentication delay is a key issue for achieving seamless handovers across networks and domains. This paper presents an overview of fast authentication methods

when roaming within or across IEEE 802.11 Wireless-LANs. Besides this overview, ...

Keywords: WLAN, authentication, handover, inter/intra-domain, seamless

7   A smartcard for authentication in WLANs
Marc Loutrel, Pascal Urien, Guy Pujolle
October 2003 LANC '03: Proceedings of the 2003 IFIP/ACM Latin America conference on
              Towards a Latin American agenda for network research
Publisher: ACM
Full text available: pdf(333.05 KB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 175, Citation Count: 0
Wireless LANs based on the IEEE 802.11b standard have spread very quickly over the
past few years. Nevertheless a lot of security issues remain and stop its deployment in
corporations. One of the most important issues is the authentication of a terminal ...

Keywords: authentication, smartcard, wireless LANs

8   TinyPK: securing sensor networks with public key technology
Ronald Watro, Derrick Kong, Sue-fen Cuti, Charles Gardiner, Charles Lynn, Peter Kruus
October 2004 SASN '04: Proceedings of the 2nd ACM workshop on Security of ad hoc and
              sensor networks
Publisher: ACM
Full text available: pdf(204.55 KB)   Additional Information: full citation, abstract, references, cited by, index
                                                                  terms

Bibliometrics: Downloads (6 Weeks): 30, Downloads (12 Months): 406, Citation Count: 9
Wireless networks of miniaturized, low-power sensor/actuator devices are poised to
become widely used in commercial and military environments. The communication
security problems for these networks are exacerbated by the limited power and energy of
the ...

Keywords: TinyOS, authentication, cryptography, diffie-hellman, encryption, key
management, public key (PK), rivest shamir adelman (RSA), sensor networks

9   A system for authenticated policy-compliant routing
Barath Raghavan, Alex C. Snoeren
August 2004 ACM SIGCOMM Computer Communication Review, Volume 34 Issue 4
Publisher: ACM
Full text available: pdf(219.77 KB)   Additional Information: full citation, abstract, references, cited by, index
                                                                  terms

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 49, Citation Count: 6
Internet end users and ISPs alike have little control over how packets are routed outside
of their own AS, restricting their ability to achieve levels of performance, reliability, and
utility that might otherwise be attained. While researchers have proposed ...

Keywords: authentication, capabilities, overlay networks, source routing

10 Network layer access control for context-aware IPv6 applications
Adrian Friday, Maomao Wu, Joe Finney, Stefan Schmid, Keith Cheverst, Nigel Davies

July 2003 Wireless Networks, Volume 9 Issue 4
Publisher: Kluwer Academic Publishers

Full text available: pdf(3.57 MB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 19, Downloads (12 Months): 136, Citation Count: 1

As part of the Lancaster GUIDE II project, we have developed a novel wireless access point protocol designed to support the development of next generation mobile context-aware applications in our local environs. Once deployed, this architecture will ...

Keywords: authentication, mobile IPv6, public access point, security, wireless Internet

11 An access control model for dynamic client-side content
Adam Hess, Kent E. Seamons
June 2003 SACMAT '03: Proceedings of the eighth ACM symposium on Access control models and technologies
Publisher: ACM

Full text available: pdf(608.50 KB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 102, Citation Count: 0

The focus of access control in client/server environments is on protecting sensitive server resources by determining whether or not a client is authorized to access those resources. The set of resources are usually static, and an access control policy ...

Keywords: access control, authentication, credentials, trust negotiation

12 A system for authenticated policy-compliant routing
Barath Raghavan, Alex C. Snoeren
August 2004 SIGCOMM '04: Proceedings of the 2004 conference on Applications, technologies, architectures, and protocols for computer communications
Publisher: ACM

Full text available: pdf(219.77 KB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 49, Citation Count: 6

Internet end users and ISPs alike have little control over how packets are routed outside of their own AS, restricting their ability to achieve levels of performance, reliability, and utility that might otherwise be attained. While researchers have proposed ...

Keywords: authentication, capabilities, overlay networks, source routing

13 COCA: A secure distributed online certification authority
Lidong Zhou, Fred B. Schneider, Robbert Van Renesse
November 2002 ACM Transactions on Computer Systems (TOCS), Volume 20 Issue 4
Publisher: ACM

Full text available: pdf(448.28 KB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 103, Citation Count: 26

COCA is a fault-tolerant and secure online certification authority that has been built and deployed both in a local area network and in the Internet. Extremely weak assumptions characterize environments in which COCA's protocols execute correctly: no ...

Keywords: Byzantine quorum systems, Certification authority, denial of service, proactive secret-sharing, public key infrastructure, threshold cryptography

14 Mobility helps security in ad hoc networks
Srdjan Čapkun, Jean-Pierre Hubaux, Levente Buttyán
June 2003 MobiHoc '03: Proceedings of the 4th ACM international symposium on Mobile ad hoc networking & computing
Publisher: ACM

Full text available: 🗋 pdf(228.73 KB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 32, Downloads (12 Months): 317, Citation Count: 20

Contrary to the common belief that mobility makes security more difficult to achieve, we show that node mobility can, in fact, be useful to provide security in ad hoc networks. We propose a technique in which security associations between nodes are established, ...

Keywords: ad hoc networks, mobility, security associations

15 Middleware and web services for the collaborative information portal of NASA's Mars exploration rovers mission
Elias Sinderson, Vish Magapu, Ronald Mak
October 2004 Middleware '04: Proceedings of the 5th ACM/IFIP/USENIX international conference on Middleware
Publisher: Springer-Verlag New York, Inc.

Full text available: 🗋 pdf(428.63 KB)   Additional Information: full citation, abstract, references

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 62, Citation Count: 0

We describe the design and deployment of the middleware for the Collaborative Information Portal (CIP), a mission critical J2EE application developed for NASA's 2003 Mars Exploration Rover mission. CIP enabled mission personnel to access data and images ...

16 Using trust and risk in role-based access control policies
Nathan Dimmock, András Belokosztolszki, David Eyers, Jean Bacon, Ken Moody
June 2004 SACMAT '04: Proceedings of the ninth ACM symposium on Access control models and technologies
Publisher: ACM

Full text available: 🗋 pdf(222.48 KB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 135, Citation Count: 6

Emerging trust and risk management systems provide a framework for principals to determine whether they will exchange resources, without requiring a complete definition of their credentials and intentions. Most distributed access control architectures ...

Keywords: OASIS, SECURE, access control, risk, trust

17 An approach to certificate path discovery in mobile Ad Hoc networks
He Huang, Shyhtsun Felix Wu
October 2003 SASN '03: Proceedings of the 1st ACM workshop on Security of ad hoc and

sensor networks
Publisher: ACM

Full text available: pdf(146.93 KB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 140, Citation Count: 1

Public key certificates prove validity and authenticity of their ownership and possibly other properties. Certificate path discovery is the critical process for public key verification in hierarchical public key infrastructure (PKI) diagrams. This process ...

Keywords: MANET, certificate path discovery, public key infrastructure, security

18 A model of OASIS role-based access control and its support for active security
Jean Bacon, Ken Moody, Walt Yao
November 2002 ACM Transactions on Information and System Security (TISSEC), Volume 5 Issue 4
Publisher: ACM

Full text available: pdf(352.06 KB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 24, Downloads (12 Months): 267, Citation Count: 24

OASIS is a role-based access control architecture for achieving secure interoperation of services in an open, distributed environment. The aim of OASIS is to allow autonomous management domains to specify their own access control policies and to interoperate ...

Keywords: Certificates, OASIS, RBAC, distributed systems, policy, role-based access control, service-level agreements

19 Virtual enterprise access control requirements
M. Coetzee, Jan H. P. Eloff
September 2003 SAICSIT '03: Proceedings of the 2003 annual research conference of the South African institute of computer scientists and information technologists on Enablement through technology
Publisher: South African Institute for Computer Scientists and Information Technologists

Full text available: pdf(126.63 KB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 20, Downloads (12 Months): 165, Citation Count: 1

Current developments in IT point towards the formation of loosely coupled enterprises, often referred to as virtual enterprises. These enterprises require both secure and flexible collaboration between unrelated information systems. Web services technology ...

Keywords: B2B, SOAP, XML, access control, design, federation, management, roles, security, standardization, trust, virtual enterprises, web services

20 Secure password-based authenticated key exchange for web services
Liang Fang, Samuel Meder, Olivier Chevassut, Frank Siebenlist
October 2004 SWS '04: Proceedings of the 2004 workshop on Secure web service
Publisher: ACM

Full text available: pdf(395.64 KB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 127, Citation Count: 1

This paper discusses an implementation of an authenticated key-exchange method

rendered on message primitives defined in the WS-Trust and WS-SecureConversation specifications. This IEEE-specified cryptographic method (AuthA) is proven-secure for password-based ...

Keywords: authenticated key exchange, password, security, web services

Results 1 - 20 of 51   Result page: 1   2   3   next   >>

Useful downloads: Adobe Acrobat   QuickTime   Windows Media Player   Real Player